

### **Response to Amendment**

1. This communication is in response to applicant's amendment to a Non-Final Office Action, which was filed January 06, 2010.
2. Amendments and arguments to pending rejected claims 1-33 have been entered and made of record in the application of NAGASHIMA for "Light scattering type smoke detector" filed on May 17, 2006.

### **Claims Status**

Claims 1, 4, 7, 9, 11-12 and 33 are amended.  
Claims 2-3, 26 and 28-32 are as originally presented.  
Claims 8, 10, 13-20 are as previously presented.  
Claims 5-6 are canceled.  
**Claims 1-4 and 7-20 are pending.**

### **3. Note:**

Rejection of claim 12 under 35 U.S.C. 112, second paragraph, has been withdrawn in response to applicant's amendment.

### **Allowable Subject Matter**

4. Claims 1-4 and 7-20 are allowed as it is evident by applicant amendments and arguments:

As to claim 1, the following is a statement of reasons for the indication of allowable subject matter: "a fire judging unit that is incorporated in the sensor body,

wherein: the light-emitter is configured for emitting light toward a smoke-sensing point that is set in an open smoke-sensing space located outside the transparent cover via the light-emitting opening; the light-receiver is configured for receiving scattered light generated by the light emitted from the light-emitter to the smoke-sensing point via the light-receiving opening, and to output a light-received signal corresponding to an amount of received light scattered; and the fire judging unit is configured for judging presence/absence of fire occurrence based on the amount of received light identified by the light-received signal output from the light-receiver.” in the context of the claimed invention, i.e. in the particular manner claimed.

Dependent claims 2-3 and 13-20, are also allowed as they depend on allowed independent claim 1.

Claims 4, 7 and 9, are allowed as it was indicated by examiner's statement of reasons for allowance in the previous Office action dated October 07, 2009.

Dependent claims 8 and 10-12, are also allowed as they depend on allowed independent claims 7 and 9.

### **Response to Arguments**

5. Applicant's amendments and arguments, filed (January 06, 2010), with respect to pending claims 1-4 and 7-20 have been fully considered and are persuasive. The application is in a condition for allowance.

### **Conclusion**

6. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

7. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

**SIBER** et al. Patent No. 7,365,648 B2; **SCHNEIDER** et al. Patent No. 6,515,589 B2.

### **Correspondence**

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to SISAY YACOB whose telephone number is (571)272-8562. The examiner can normally be reached on Monday through Friday 9:00 AM - 5:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, GEORGE A. BUGG can be reached on (571) 272-2998. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Sisay Yacob

04/06/2010

/S. Y./

Examiner, Art Unit 2612

/George A Bugg/

Primary Examiner, Art Unit 2612